

Figure 1

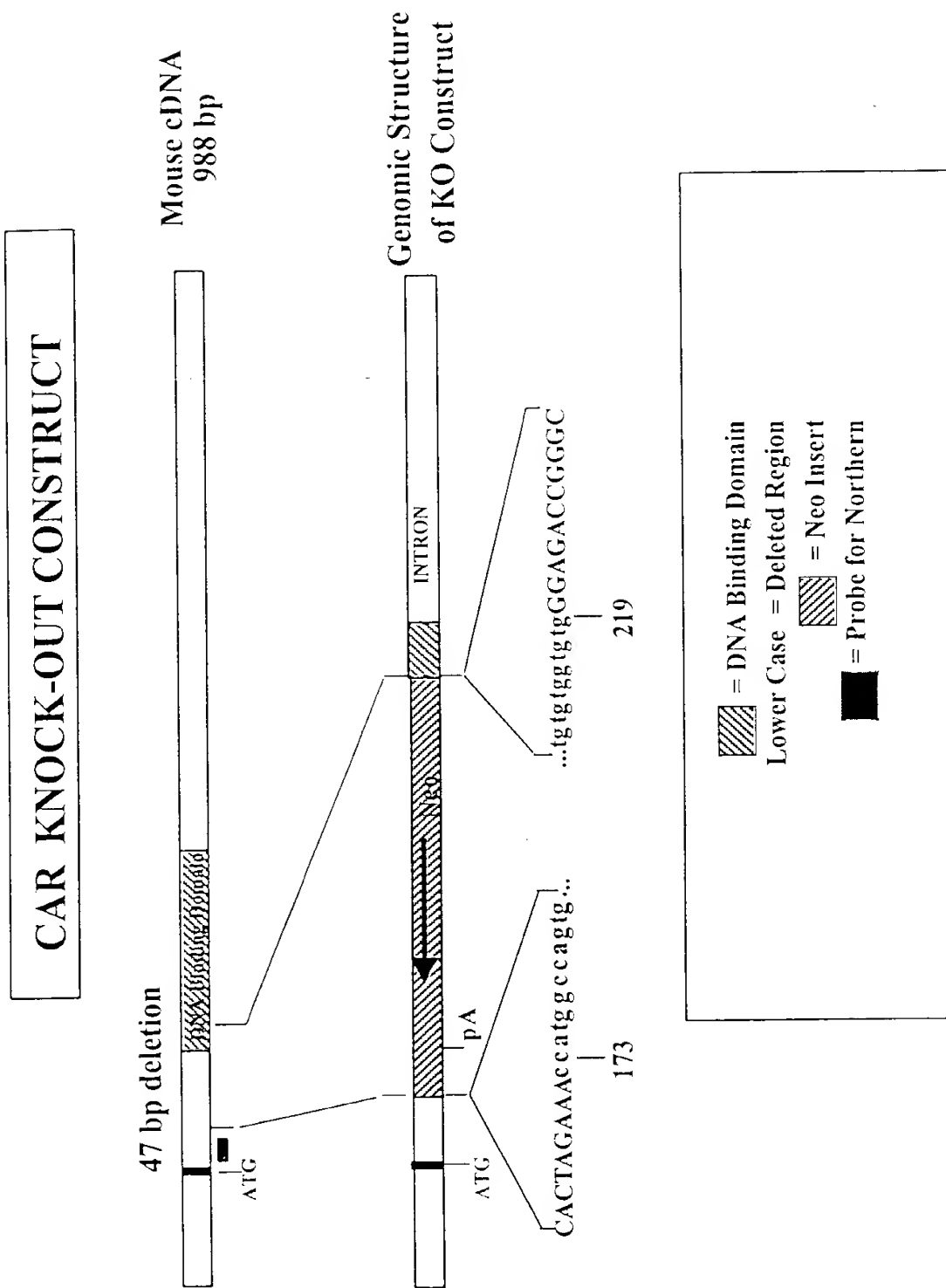


FIGURE 2

Section A.

Section A:

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Section B.

Section B.

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Section C.

Section C.

.....tgcattgctttctactgaagtgtatcacagatgaatatgagatcgacagaaagtgtgcagggatccccctgccatctggaaacacttaatt
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5 β -Pregnan-3,20-dione is an
hCAR Agonist

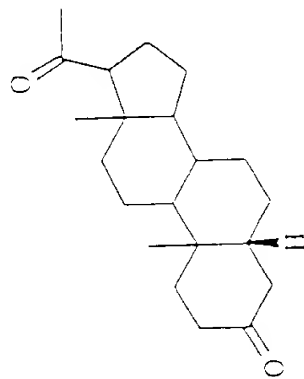
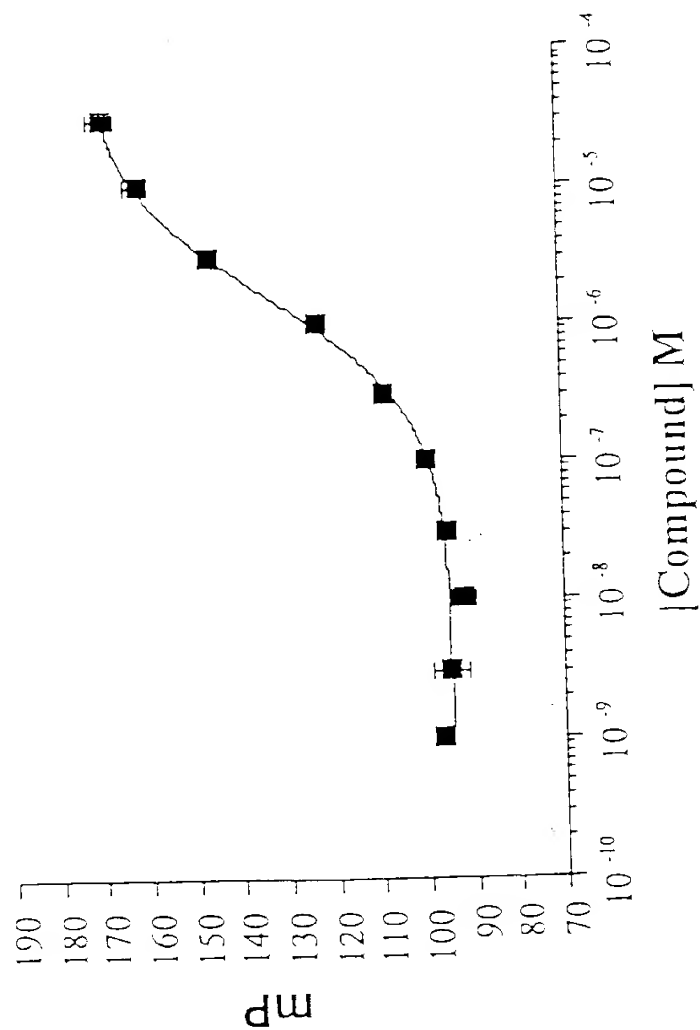
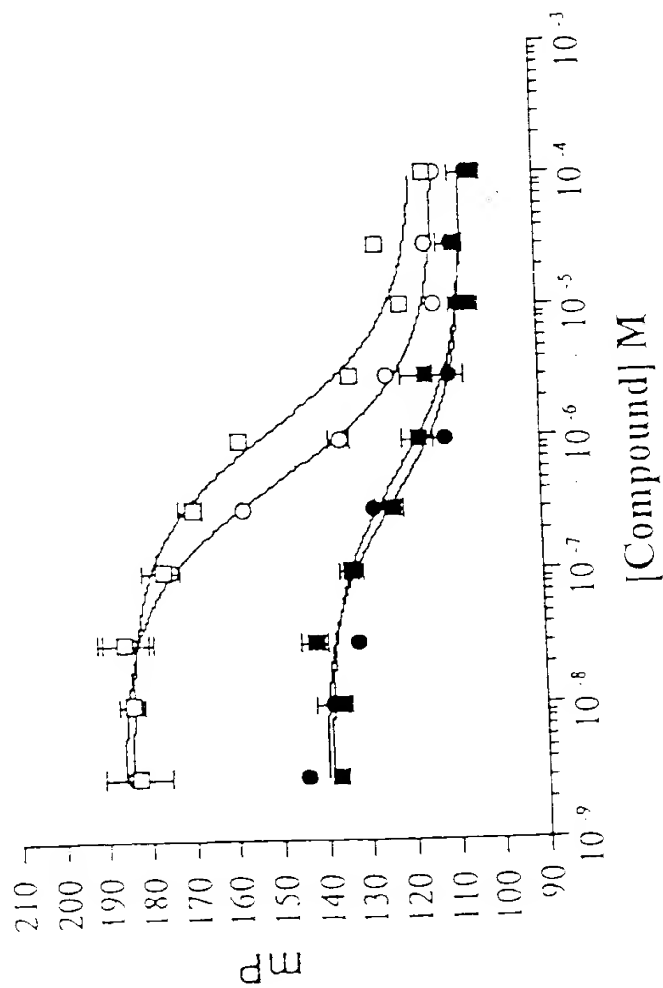


Figure 3

Figure 4

Androstanes are hCAR
Antagonists



IC₅₀

□ 5α-Androst-16-en-3 α-ol +
5 μM 5 β-Pregnan-3,20-dione

○ 5α-Androstan-3 α-ol +
5 μM 5 β-Pregnan-3,20-dione

■ 5α-Androst-16-en-3 α-ol

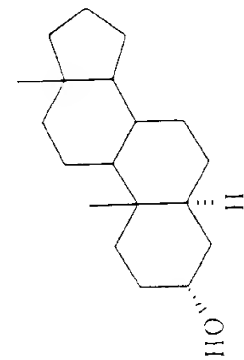
● 5α-Androstan-3 α-ol

1.2 μM

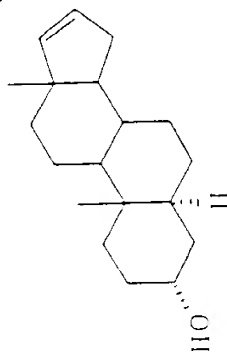
480 nM

530 nM

340 nM



5α-Androstan-3α-ol



5α-Androst-16-en-3α-ol

FIGURE 5

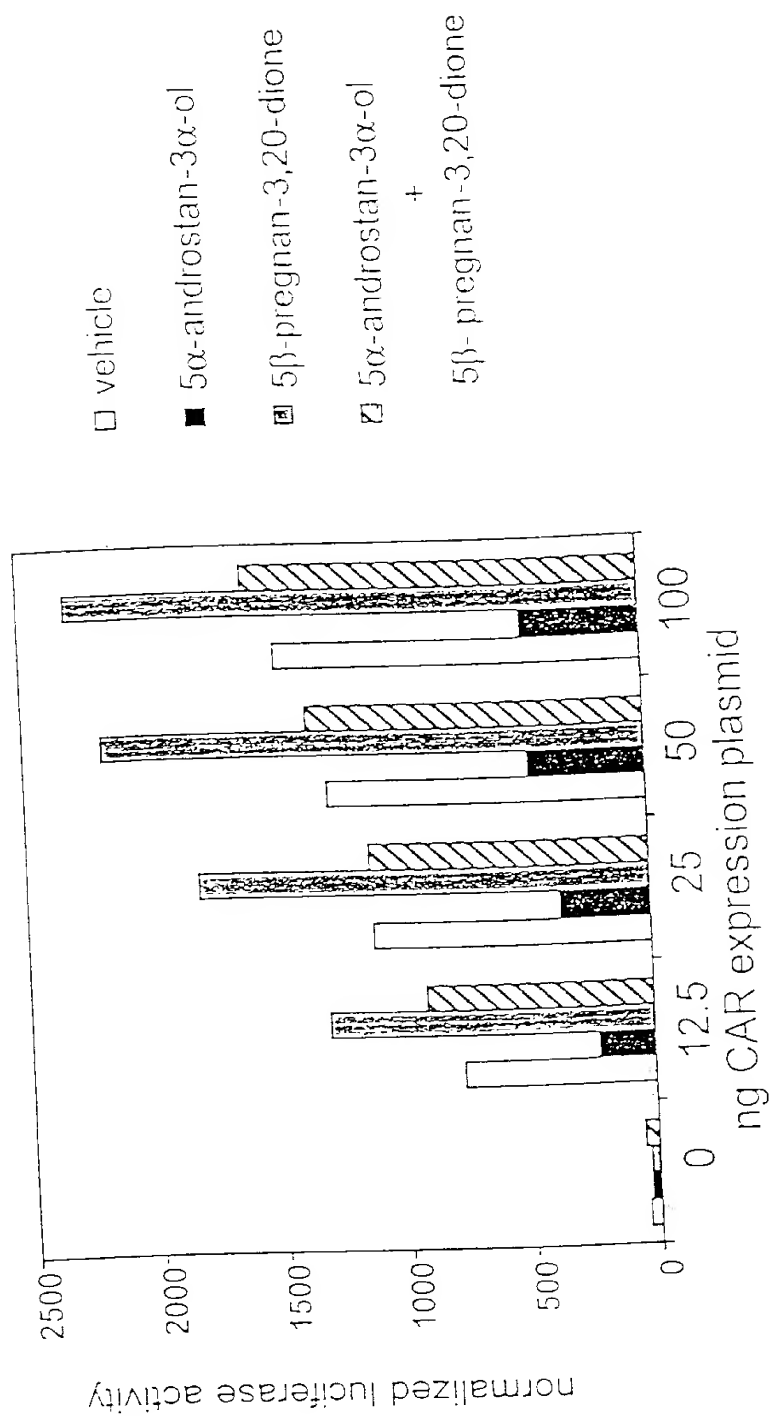
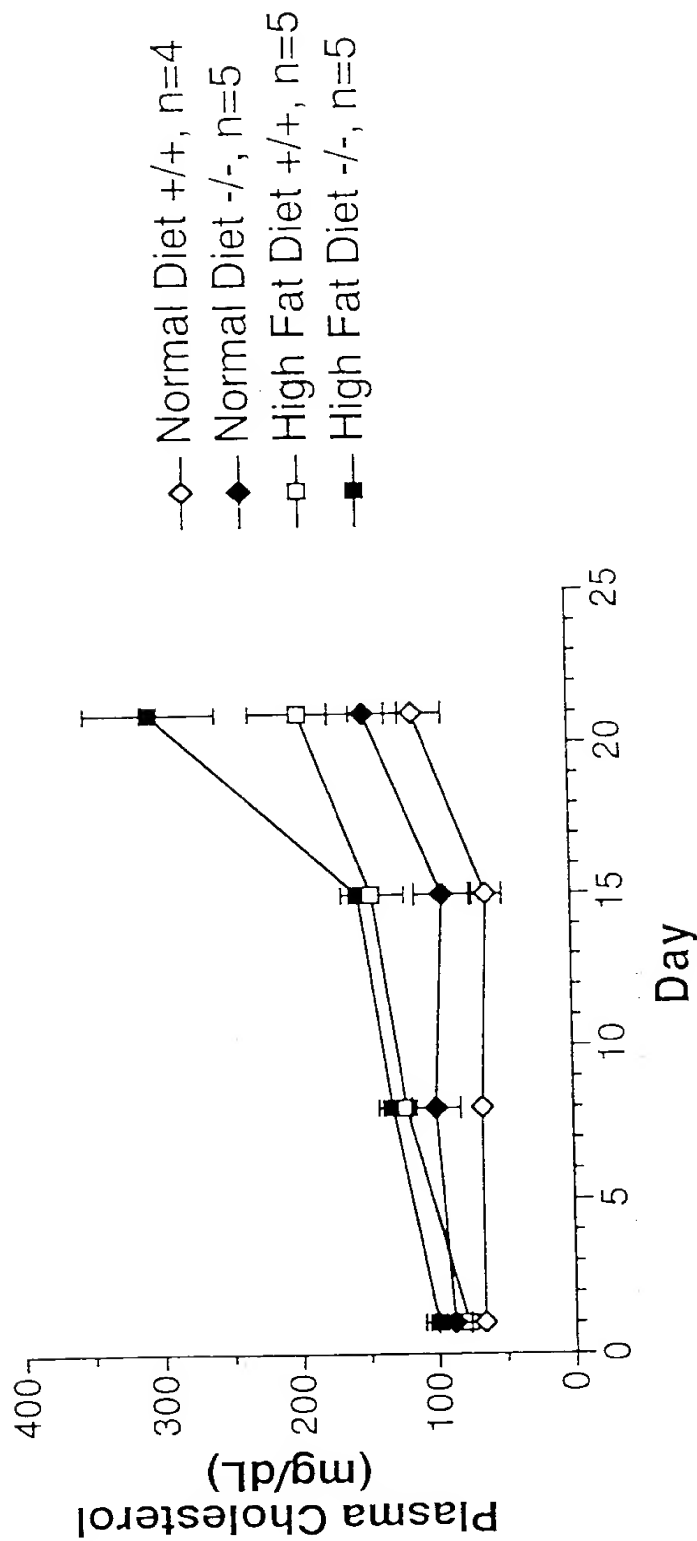


FIGURE 6



Normal diet = Picolab 5053 (containing 4% fat)
High Fat diet = Picolab 5053 (containing 1.25% cholesterol and 10% fat)

FIGURE 7

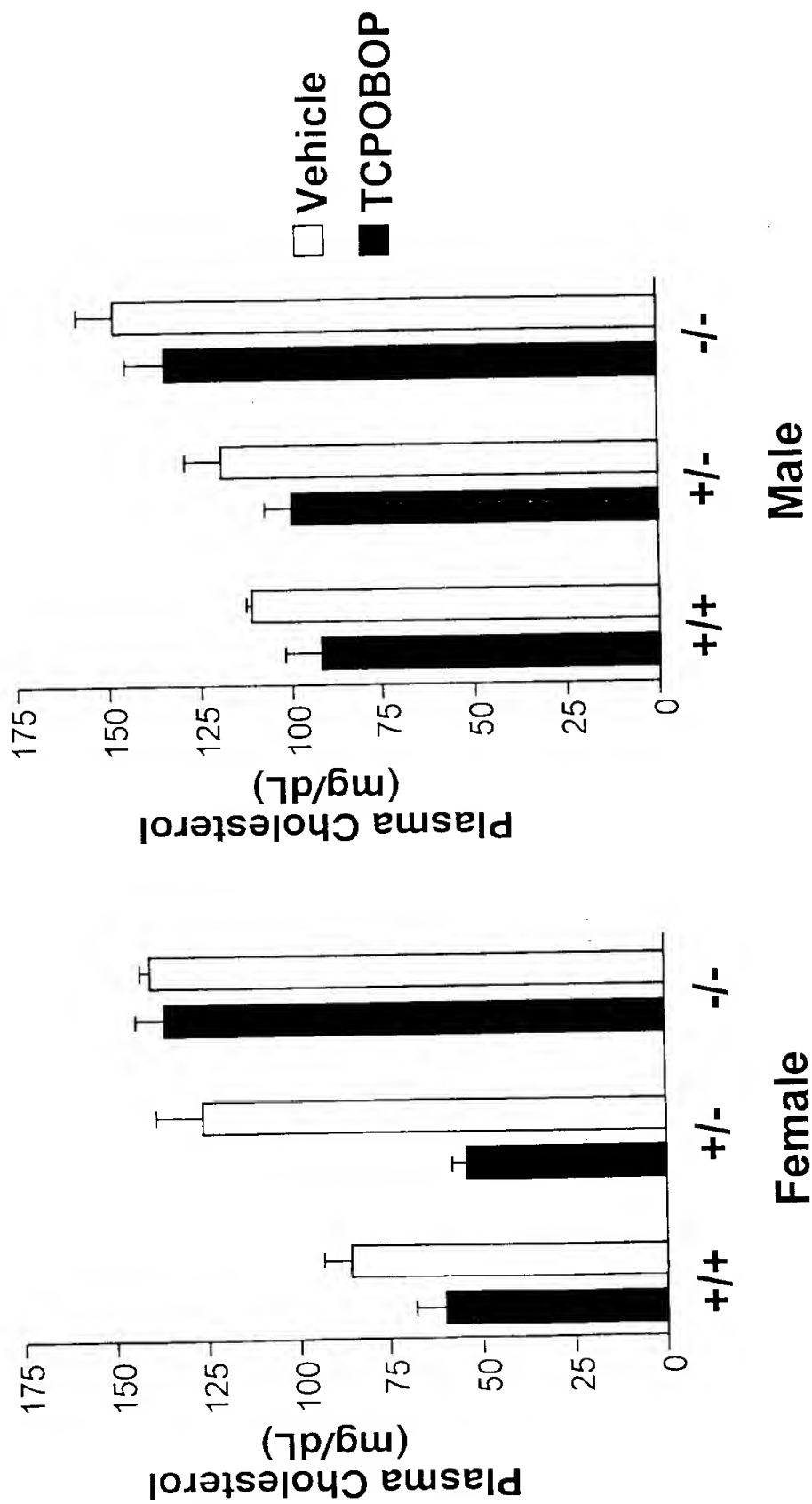


FIGURE 8

Vehicle
Treated

] HDL
 - LDL/VLDL
 - Origin

SEX	M	M	F	F	F
GENOTYPE	WT	KO	KO	WT	WT

TCPOBOP
Treated

] HDL
 - LDL/VLDL
 - Origin

SEX	M	M	M	F	F
GENOTYPE	WT	WT	KO	KO	WT

FIGURE 9

